
Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=1; day=23; hr=14; min=24; sec=59; ms=835;]

Validated By CRFValidator v 1.0.3

Application No: 10808758 Version No: 2.0

Input Set:

Output Set:

Started: 2008-01-10 20:18:04.947

Finished: 2008-01-10 20:18:11.586

Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 639 ms

Total Warnings: 118

Total Errors: 0

No. of SeqIDs Defined: 121

Actual SeqID Count: 121

Error code		Error Description
W	402	Undefined organism found in <213> in SEQ ID (1)
W	402	Undefined organism found in <213> in SEQ ID (2)
W	213	Artificial or Unknown found in <213> in SEQ ID (3)
W	213	Artificial or Unknown found in <213> in SEQ ID (4)
W	213	Artificial or Unknown found in <213> in SEQ ID (5)
W	213	Artificial or Unknown found in <213> in SEQ ID (6)
W	213	Artificial or Unknown found in <213> in SEQ ID (7)
W	213	Artificial or Unknown found in <213> in SEQ ID (8)
W	213	Artificial or Unknown found in <213> in SEQ ID (9)
W	213	Artificial or Unknown found in <213> in SEQ ID (10)
W	213	Artificial or Unknown found in <213> in SEQ ID (11)
W	213	Artificial or Unknown found in <213> in SEQ ID (12)
W	213	Artificial or Unknown found in <213> in SEQ ID (13)
W	213	Artificial or Unknown found in <213> in SEQ ID (14)
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W	213	Artificial or Unknown found in <213> in SEQ ID (17)
W	213	Artificial or Unknown found in <213> in SEQ ID (18)
W	213	Artificial or Unknown found in <213> in SEQ ID (19)
W	213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2008-01-10 20:18:04.947 **Finished:** 2008-01-10 20:18:11.586

Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 639 ms

Total Warnings: 118

Total Errors: 0

No. of SeqIDs Defined: 121

Actual SeqID Count: 121

Error code		Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (21)
W	213	Artificial or Unknown found in <213> in SEQ ID (22) This error has occured more than 20 times, will not be displayed
W	402	Undefined organism found in <213> in SEQ ID (33)
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W	402	Undefined organism found in <213> in SEQ ID (35)
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SEQUENCE LISTING

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      Von Seggern, Daniel J.
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                                         75
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90

95

85

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_	caa Gln 130		_	-	_					_				_		432
-	acc Thr								_		_		-	-		480
	tca Ser							_	_	_						528
-	tca Ser						_			_	_			_	_	576
	gag Glu												_			624
-	cct Pro 210	_		-		-	_				_		-	-		672
	cca Pro									_				-		720
	gcc Ala	_			_					_				_	_	768
	gga Gly				-				_	_				-	_	816
-	tat Tyr	_		-	-							_			_	864
	cct Pro 290						-			_	-					912
	ggc Gly			_			-						_			960

-	aac Asn		-		-	_		-	_		_	_		-		1008
_	att Ile		-		_			_						_		1056
	aca Thr												-		_	1104
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_	tgg Trp				-					_	_			-		1248
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	gct Ala					_	-				_	_				1344
	gga Gly 450		-		_	-					_		_	_		1392
	gtg Val							-	-		_					1440
_	aat Asn		-			-			_				_	_		1488
	atg Met					_									_	1536
	agt Ser			-	-		-					_				1584
	gta Val 530										-	-			-	1632
aca	act	сса	agt	gca	tac	tct	atg	tca	ttt	tca	tgg	gac	tgg	tct	ggc	1680

Thr Thr Pro Ser Ala Tyr Ser Met Ser Phe Ser Trp Asp Trp Ser Gly 555 550 cac aac tac att aat gaa ata ttt gcc aca tcc tct tac act ttt tca 1728 His Asn Tyr Ile Asn Glu Ile Phe Ala Thr Ser Ser Tyr Thr Phe Ser 565 570 1746 tac att gcc caa gaa taa Tyr Ile Ala Gln Glu 580 <210> 2 <211> 581 <212> PRT <213> Adenovirus type 5 <400> 2 Met Lys Arg Ala Arg Pro Ser Glu Asp Thr Phe Asn Pro Val Tyr Pro 10 5 Tyr Asp Thr Glu Thr Gly Pro Pro Thr Val Pro Phe Leu Thr Pro Pro 25 Phe Val Ser Pro Asn Gly Phe Gln Glu Ser Pro Pro Gly Val Leu Ser 40 Leu Arg Leu Ser Glu Pro Leu Val Thr Ser Asn Gly Met Leu Ala Leu 55 Lys Met Gly Asn Gly Leu Ser Leu Asp Glu Ala Gly Asn Leu Thr Ser 65 70 75 80 Gln Asn Val Thr Thr Val Ser Pro Pro Leu Lys Lys Thr Lys Ser Asn 90 Ile Asn Leu Glu Ile Ser Ala Pro Leu Thr Val Thr Ser Glu Ala Leu 100 105 Thr Val Ala Ala Ala Pro Leu Met Val Ala Gly Asn Thr Leu Thr 120 Met Gln Ser Gln Ala Pro Leu Thr Val His Asp Ser Lys Leu Ser Ile 135 Ala Thr Gln Gly Pro Leu Thr Val Ser Glu Gly Lys Leu Ala Leu Gln 150 155 160 Thr Ser Gly Pro Leu Thr Thr Thr Asp Ser Ser Thr Leu Thr Ile Thr 165 170 175 Ala Ser Pro Pro Leu Thr Thr Ala Thr Gly Ser Leu Gly Ile Asp Leu 185 Lys Glu Pro Ile Tyr Thr Gln Asn Gly Lys Leu Gly Leu Lys Tyr Gly 200 Ala Pro Leu His Val Thr Asp Asp Leu Asn Thr Leu Thr Val Ala Thr Gly Pro Gly Val Thr Ile Asn Asn Thr Ser Leu Gln Thr Lys Val Thr 235 230 Gly Ala Leu Gly Phe Asp Ser Gln Gly Asn Met Gln Leu Asn Val Ala 245 250 Gly Gly Leu Arg Ile Asp Ser Gln Asn Arg Arg Leu Ile Leu Asp Val 265 Ser Tyr Pro Phe Asp Ala Gln Asn Gln Leu Asn Leu Arg Leu Gly Gln 280 Gly Pro Leu Phe Ile Asn Ser Ala His Asn Leu Asp Ile Asn Tyr Asn

295 300

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Ser Thr Gly Ala Ile Thr Val Gly Asn Lys Asn Asn Asp Lys Leu Thr
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Ser Gly Thr Val Gln Ser Ala His Leu Ile Ile Arg Phe Asp Glu Asn
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Gly Val Leu Leu Asn Asn Ser Phe Leu Asp Pro Glu Tyr Trp Asn Phe
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                                       475
Arg Asn Gly Asp Leu Thr Glu Gly Thr Ala Tyr Thr Asn Ala Val Gly
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Phe Met Pro Asn Leu Ser Ala Tyr Pro Lys Ser His Gly Lys Thr Ala
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Pro Val Thr Leu Thr Ile Thr Leu Asn Gly Thr Gln Glu Thr Gly Asp
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Thr Thr Pro Ser Ala Tyr Ser Met Ser Phe Ser Trp Asp Trp Ser Gly
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                                    10
tat gac acg gaa acc ggt cct cca act gtg cct ttt ctt act cct ccc
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Tyr Asp Thr Glu Thr Gly Pro Pro Thr Val Pro Phe Leu Thr Pro Pro
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25

20

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	_						_	-	gag Glu	-						240
		-				-			ctc Leu 90				_			288
		_	-			-			aca Thr	-			-	-		336
		-	-	_	_			_	gtc Val							384
_			-	_	-				cac His	_				_		432
									gaa Glu							480
								_	agc Ser 170	_						528
-							_		ggt Gly	_	_			_	_	576
									aaa Lys				_			624
-		_		_		-	Ō		aac Asn		_		-	-		672
									tcc Ser	_				-		720
	-	_			-				aat Asn 250	_				-	-	768

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agt	tat	cca	+++	gat	act	caa	aac	caa	cta	aat	cta	aga	cta	aga	cad	864
_	Tyr	_		_	-							-			-	001
DCI	- <u>y</u> -	275	1110	1150	1114	OIII	280	OIII	пси	11511	пси	285	пси	Gry	OIII	
		213					200					200				
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	cct						_			_	_					912
Gly	Pro	Leu	Phe	Ile	Asn		Ala	His	Asn	Leu	-	Ile	Asn	Tyr	Asn	
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Ser	Asn	Lys	Ala	Met	Val	Pro	Lys	Leu	Gly	Thr	Gly	Leu	Ser	Phe	Asp	
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385		_			390		_		_	395		-	_		400	
															-	
t t ~	tgg	acc	aca	CCA	act	CCS	ກຣກ	act	aac	tat	ara	cta	aat	acs.	nan	1248
_					-			_		_	_			_		1240
ьeu	Trp	TIIL	T 11T.	F T O	AId	F T O	GIU	AId	ASII	CAR	Arg	теп	ASII	AId	GIU	